

Saramonic

Mid-Side Stereo Condenser Microphone
专业级模拟数字双输出 MS 立体声话筒

SG MS1

Statement

Please read this manual carefully before using the product and strictly operate & store it in accordance with the instructions. Please save the manual for your future reference. If you need further assistance than the user manual, please consult your retailer for help or email us: support@saramonic.com.

Cautions

Before using this product, please read this user manual thoroughly.
Handle the product with care and store it in a clean, dust-free environment.
Keep liquids away from the product.
Clean the product with only a dry, soft cloth.

Overview

The SG MS1 is a high-end MS (Mid-Side) shotgun microphone designed for audio professionals. Featuring advanced acoustic engineering, it delivers precise sound capture and outstanding dynamic performance, making it ideal for demanding environments such as broadcast recording, film and television production, on-location interviews, and live streaming.

Power Options

- ① 48V Phantom Power (supplied by external devices such as cameras, audio recorders, or mixers)
- ② USB-C Power Input
- ③ Built-in Battery

Note:

When the microphone is powered by 48V phantom power, the USB-C power input and built-in battery are disabled and do not consume power.

Features

Immersive Spatial Recording
Independently captures direct and ambient sound with MS technology, faithfully reproducing a three-dimensional soundstage.

3-in-1 Versatility
Supports raw MS recording, built-in LR (Left-Right) decoding, and USB-C digital audio output, ideal for both professional productions and everyday vlogging.

Dual-Mode Intelligent Switching
Dual MS and LR modes: MS mode preserves spatial detail for professional post-production, while LR mode provides plug-and-play compatibility with mainstream platforms for easy operation.

Freely Adjustable Soundstage Width
Adjust the stereo pickup angle to capture immersive sound in both confined indoor spaces and wide-open outdoor environments.

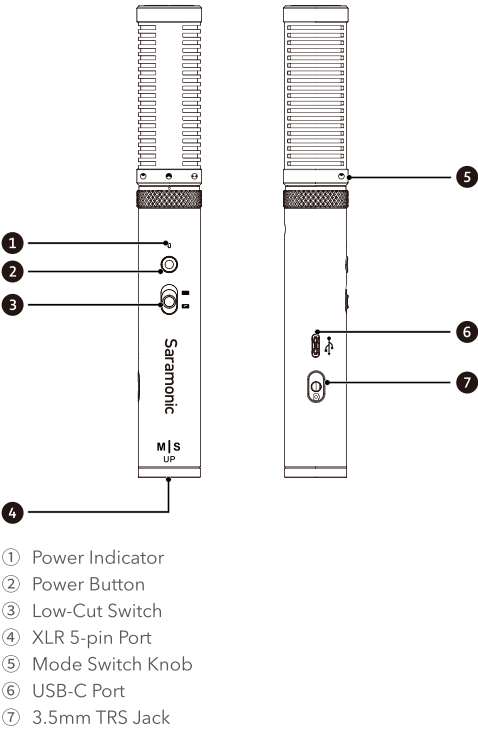
Efficient Direct Connection & Long-Lasting Performance
USB-C direct connection or 48V phantom power supply supports uninterrupted creativity all day long.

App-Based Visual Control
Monitor and adjust recording parameters in real-time through a dedicated app for precise and intuitive control.

Statement

- ① MS Shotgun Microphone (1)
- ② Shock Mount (1)
- ③ 2-in-1 XLR Cabler (1)
- ④ 3.5 mm TRS to TRS Cable (1)
- ⑤ 3.5 mm TRS to TRRS Cable (1)
- ⑥ SR-USB-C01 (USB-C to USB-C Cable) (1)
- ⑦ USB-C (Male) to Lightning (Male) Adapter Cable (1)
- ⑧ 5/8" Thread Boom Pole Adapter (1)
- ⑨ 5/8" to 3/8" Thread Adapter (1)
- ⑩ 5/8" to 1/4" Thread Adapter (1)
- ⑪ Foam Windscreen (1)
- ⑫ Furry Windshield (1)
- ⑬ Aluminum Carrying Case (1)
- ⑭ Silicone Stopper (1)

Product Structure



Buttons & Indicator

Power Indicator	
Power On	Solid blue

Power Off	Indicator off
Locked	Blue light flashes/Red and blue flash while charging
Charging Status	
Charging while powered off	Solid red. The indicator turns off when fully charged.
Charging while powered on	Solid red. The indicator turns solid blue when fully charged
Low battery	Rapidly blinking red

Power Button:

Press and hold for 2 seconds to power on or off.

Low-Cut Switch:

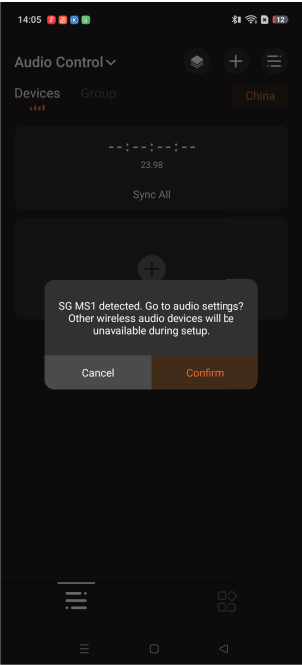
Toggle to switch between Flat and Low-Cut modes as needed.

Mode Switch Knob:

Rotate to select M, MS, or S mode.

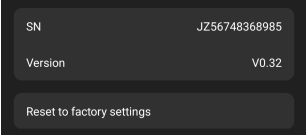
Operation Guide

Connect to the App
Download and install the Saramonic System app. Turn on the microphone and connect it to your phone using a data cable. The app will automatically detect the connected microphone.



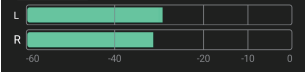
Microphone Information & Maintenance

You can view the microphone’ s serial number (SN) and firmware version in the Saramonic System app. The app also allows you to upgrade the firmware and perform a factory reset.



Input Level Monitoring

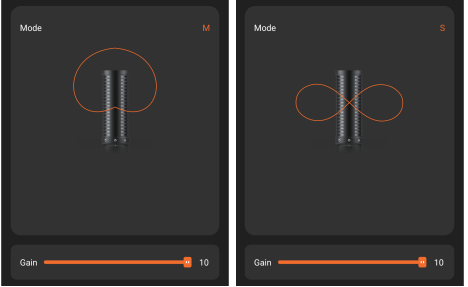
After the microphone is connected to the app, the input level can be monitored in real time, allowing you to easily check the microphone’ s operating status.



M/S Mode Settings

Rotate the “Mode Switch Knob” to select M mode or S mode.

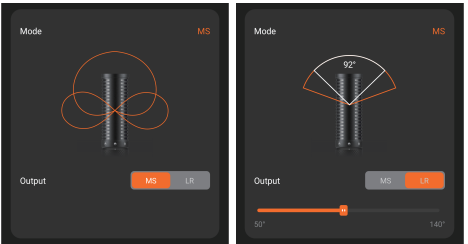
The app displays the current polar pattern.
In these modes, the gain can be adjusted within a range of 0 dB to +20 dB.



MS Mode Settings

Rotate the “Mode Switch Knob” to select MS mode.
The app displays the current polar pattern.
The output mode can be switched between MS stereo and LR stereo.

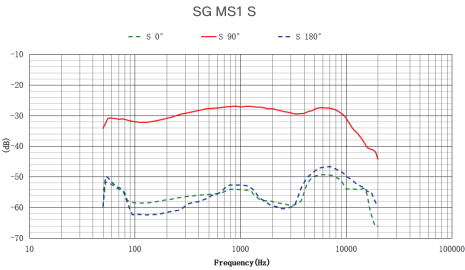
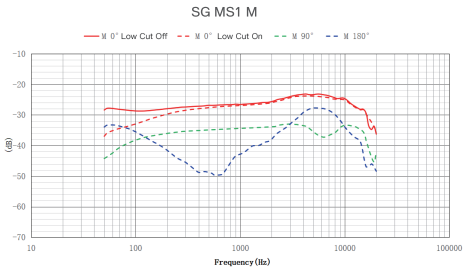
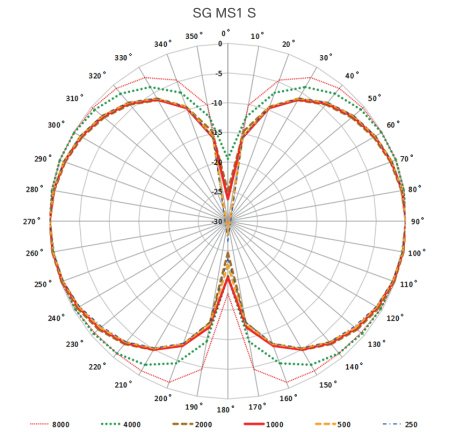
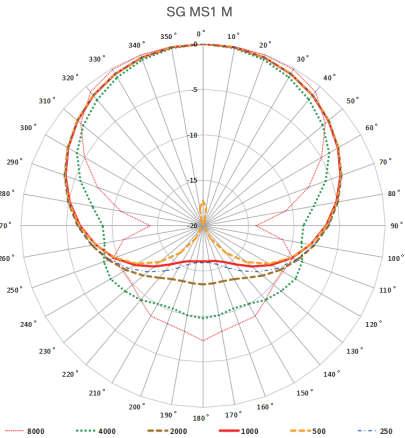
In LR stereo output mode, the stereo pickup angle can be adjusted.



Specifications

Acoustic Principle	M/S Stereo
Polar Pattern	M: Cardioid S: Figure-8
Frequency Response	20Hz---20KHz
Sensitivity	40mV/Pa +/-3dB (-28dB/Pa, 0dB=1V/Pa)
Equivalent Noise Level (EIN)	16dB SPL (A-weighted)
Maximum SPL	138dB SPL (1%THD)
Impedance	0Hz/100Hz
Low-Cut	0 Hz / 100 Hz
Phantom Power	+48 V ± 4 V phantom power
Power Consumption	0.3W
Battery Life	≥ 5 hours (Built-in battery)
Charging Time	≤ 1.5 hours (Built-in battery)
Weight	90g
Dimensions	Φ22 mm × 175 mm
Output Ports	XLR 5-pin (Male) Port (1: GND, 2: M-Hot, 3: M-Cold, 4: S-Hot, 5: S-Cold); USB-C Port; 3.5 mm TRS Jack
Operating Temperature	-20 ℃ to 55 ℃
Storage Temperature	-40 ℃ to 70 ℃

Polar Pattern





For better recording experience, the application **Saramonic System** is recommended.

为获得更好的录制体验，推荐使用枫笛 Saramonic 自主研发应用软件 **Saramonic System**。



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